1 4010 11.2.13	Total	leia 5 VV		Maximum	ary trear r	- ata		
Boring/	Depth	Depth		PID				
Date/	of	to	Lithologic Description ²	Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
S1383	12	4	Fill: 0-9 (brick fragments at 6,	725	O, U, F	S1383B3	V, S, M	Benzene: 2.6 mg/kg
1/8/03			glass at 7, dark gray sludge at 7-	(8-8.5)		(3-3.5)		
Full RFI 2 nd			9)					Benzo(a)anthracene: 3.9J mg/kg
Iteration SWMU 41			Clay: 9-12					Benzo(a)pyrene: 4.2J mg/kg
SWMU 41			Clay: 9-12					Benzo(b)fluoranthene: 2.4J mg/kg
					O, S, F	S1383E2	V, S, M	Benzene: 13 mg/kg
					0, 5, 1	(8.5-9)	, , 5, 111	Denzene. 10 mg/kg
						()		Arsenic: 49.3 mg/kg
								Iron: 26200 mg/kg
S1382	16	5.5	Fill: 0-15.5 (catalyst beads at 7.5-	1261	O, S, F	S1382E4	V, S, M	Benzene: 27 mg/kg
1/6/03			9.5; black sludge at 7-7.5 and 9.5-	(9.5-10)		(9.5-10)		Ethylbenzene: 130 mg/kg (Impact
Full RFI 2 nd Iteration			15.5)					to Groundwater—not applicable) Xylenes: 460 mg/kg
SWMU 41			Peat: 15.5-16					Cyclohexane: 170 mg/kg
5 11 110 11			1000.15.5 10					Cyclonexame: 170 mg/kg
								Arsenic: 29.2 mg/kg
								Lead: 615 mg/kg
					O, S, F	S1382H3	V, S, M	Benzene: 2.8 mg/kg (Impact to
						(15-15.5)		Groundwater—not applicable)
								Benzo(a)anthracene: 1J mg/kg
								Benzo(a)pyrene: 0.84J mg/kg
								Arsenic: 70 mg/kg
G1201	12	2.5	F31 0 0 (1 1 1 1 1 7 5 0)	220	D.C.E.	G1201D1	77.6.74	Iron: 38200 mg/kg
S1381 1/6/03	12	2.5	Fill: 0-8 (black sludge at 7.5-8)	228 (11-12)	P, S, F	S1381D1 (6-6.5)	V, S, M	Benzo(a)anthracene: 1.3 mg/kg Benzo(a)pyrene: 1.2 mg/kg
Full RFI 2 nd			Clay: 8-12	(11-12)		(0-0.3)		Benzo(a)pyrene: 1.2 mg/kg Benzo(b)fluoranthene: 1.4 mg/kg
Iteration			Clay. 6-12					Benzo(b)nuorantnene. 1.4 mg/kg
SWMU 41								Antimony: 89.1 mg/kg
								Arsenic: 76.8 mg/kg
								Iron: 38600 mg/kg
								Lead: 1880 mg/kg
					P, S, F	S1381D4	V, S, M	Zinc: 2060 mg/kg Arsenic: 43.8 mg/kg
					г, з, г	(7.5-8)	v , S, IVI	Copper: 607 mg/kg
	1					(7.5-6)		copper. ou / mg/kg

1 able A.2.13		ieiu S vv	MU 41 Summary of Boring		aryticai i	Jata		
	Total			Maximum				
Boring/	Depth	Depth		PID				
Date/	of	to	Lithologic Description ²	Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
S1380	16	2	Fill: 0-15 (black sludge at 8-9 and	362	O, S, F	S1380E3	V, S, M	Benzo(a)pyrene: 0.74J mg/kg
1/6/03			14-15)	(9-9.5)		(9-9.5)		
Full RFI 2 nd								Iron: 25900 mg/kg
Iteration			Peat: 15-16					
SWMU 41								
					O, S, F	S1380H2	V, S, M	None
						(14.5-15)		
S1331	12	4	Fill: 0-8 (black NAPL stained,	171	O, S, F	S1331D2	TPH	TPH: 4000 mg/kg (gas oil)
9/3/02			product like odor at 6-8)	(11-11.5)		(6.5-7)		
SWMU 41								
			Clay: 8-12					
S0858	18	2	Fill: 0-14 (black stain at 2-6)	26	P, U, F	S0858A3	V, S, M	None
9/10/02				(1-2)		(1-1.5)		
Full RFI			Clay: 14-18 (black stain at 14-16)					
SWMU 41								
					P, S, F	S0858	Phys. Char.	
						(3-5)		
					P, S, F	S0858C1	V, S, M,	None
						(4-4.5)	SPLP	
							metals	SPLP Antimony: .224 mg/L
					P, S, N	S0858I1	V, S, M	Iron: 42100 mg/kg
						(16-16.5)		
S0840/ MW136	11	2	Fill: 0-4:	34	P, U, F	S0840A2	V, S, M	Iron: 24300 mg/kg
8/19/02				(9-9.5)		(0.5-1)		
Full RFI			Clay: 4-12					
SWMU 41								
					P, S, F	S0840B1	V, S, M	Iron: 26500 mg/kg
						(2-2.5)		
					P, S, N	S0840D3	V, S, M	Iron: 40700 mg/kg
						(7-7.5)		
					Water	MW136	V, S, M,	None
						11/26/02	water	
							quality	
S0800	16		Fill: 0-8:	6.6	P, U, F	S0800A2	S, M, TOL	None
7/25/02				(8-8.5)		(0.5-1)	V	
Full RFI			Peat: 8-12.5 (slight petroleum					
SWMU 24			odor at 8-11)					
			Clay 12.5-16					

Table A.2.15	1	ieia 5 w	MU 41 Summary of Borin		aiyucai i	Jata		
D/	Total	Dandh		Maximum PID				
Boring/ Date/	Depth of	Depth to	Lithologic Description ²	Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
Кероге	Doring	vv acci	(Observation 1 (occs)	рршу (Береп)	P, U, N	S0800F2	V, S, M,	Arsenic: 43 mg/kg
					1, 0, 1,	(10.5-11)	TOL	Iron: 24700 mg/kg
					P, U, N	S0800H4	V, S, M,	Iron: 35200 mg/kg
						(15.5-16)	TOL	5 6
S0799	20		Fill: 0-7.5:	522	O, U, F	S0799A4	S, M, TOL	None
7/25/02				(10-10.5)		(1.5-2)	V	
Full RFI			Clay/peat: 7.5-20 (black staining,					
SWMU 24			strong petroleum odor, jar test: 1/10" LNAPL film)					
			1/10 LNAIL IIIII)		O, U, N	S0799F1	V, S, M,	Benzene: 29.3 mg/kg
					0, 0, 11	(10-10.5)	TOL	Xylene: 161 mg/kg
							(MS/MSD)	1,2,4-Trimethylbenzene: 160
								mg/kg
								Arsenic: 55.6 mg/kg
					O, U, N	S0799J4	V, S, M,	Iron: 28100 mg/kg Iron: 37100 mg/kg
					0, 0, N	(19.5-20)	TOL	Holl. 57100 hig/kg
S0798	24	3.7	Fill: 0-12: (strong petroleum odor	280	O, U, F	S0798A4	V, S, M,	Antimony: 32.1 mg/kg
7/25/02			at 3.7 to 7.5; 8-11.8 interval	(7.5-8)	, ,	(1.5-2)	TOL	, , ,
Full RFI			saturated at top of macro core					
SWMU 41			with water and product globules					
			and sheen)					
			Peat and Clay: 11.8-24					
			(petroleum odor at 11.8-15, H ₂ S					
			odor at 15-22)					
			, in the second		O, S, F	S0798C3	V, S, M,	None
						(5-5.5)	TOL	
					O, S, N	S0798L3	V, S, M,	None
S0797	10	5	Fill: 0-7: (catalyst beads at 4-5.5)	57	O, U, F	(23-23.5) S0797A4	TOL V, S, M	Iron: 29900 mg/kg
8/5/02	10	3	Fill: 0-7: (catalyst beads at 4-3.5)	(5-5.5)	0, 0, F	(1.5-2)	v, S, IVI	11011: 29900 mg/kg
Full RFI			Clay, some peat: 7-10	(3-3.3)		(1.3-2)		
AOC 23			J, F , 10					
					O, S, F	S0797C3	V, S, M	Iron: 25400 mg/kg
						(5-5.5)		
					O, S, N	S0797E2	V, S, M	Iron: 45300 mg/kg
						(8.5-9)		

1 able A.2.15		ieiu S vv	MIU 41 Summary of Boring	0 0	aiyucai i	Jata		
	Total			Maximum				
Boring/	Depth	Depth		PID				
Date/	of	to	Lithologic Description ²	Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
S0796	16	4	Fill: 0-4: (Strong petroleum odor	142	O, U, F	S0796A4	V, S, M,	None
7/23/02			at 3.5-4)	(3.5-4)		(1.5-2)		
Full RFI			,	, ,		, ,		
AOC 23			Clay: 4-16 (petroleum odor)					
						S0796	Phys.Char.	
						(0-2)		
					O, U, F	S0796B4	V, S, M	Benzene: 2.26 mg/kg
					3, 3, 1	(3.5-4)	,, 2, 1.1	zenzenet zize mg/ng
						(0.0.1)		Arsenic: 56 mg/kg
								Iron: 191000 mg/kg
								Lead: 8450 mg/kg
·					O, S, N	S0796G4	V, S, M	Iron: 34500 mg/kg
					0, 5, 1,	(13.5-14)	,, 5, 111	non. 5 15 00 mg ng
MW0032	8	2.5	Fill: 0-6	8	Water	MW0032	V, S, M,	None
3/17/97		2.3	1111.00	(8)	vv ater	12/3/02	water	Trone
Stabilization			Clay and meadow mat: 6-8	(0)		12/3/02	quality	
Measures			City and meddow mat. 0 0				quality	
MW0031	8	4	Fill: 0-6	24	Water	MW0031	V, S, M,	None
3/17/97			1111.00	(8)	,, atci	12/3/02	water	Trone
Stabilization			Peat: 6-8	(0)		12/3/02	quality	
Measures			104.00				quality	
MW0030	10	3	Fill: 0-8	0	Water	MW0030	V, S, M	Thallium: 11J ug/L
3/17/97			1111.00	· ·	,, atci	12/4/02	water	Thumain. The ug E
Stabilization			Clay and meadow mat/peat: 8-10			12/ 1/02	quality	
Measures			Clay and meadow man peace of 10				quality	
H0462	16	6	Fill: 0-10: (dessicant beads, sheen	49	Water	H0462	V, S, M	Benzene: 5 ug/l
10/20/99	10		on beads at 6-8)	(10-11)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110.02	,, 2, 1.1	Zenzenet e ug. i
2 nd OWSS				()				Lead: 19.5 ug/l
(NF4)			Clay to Peat: 10-16 (trace black					25000 1510 081
(1111)			liquid at 10-10.5, H ₂ S odor)-					
H0441	12	2	Fill:0-6: (odor, black staining at	287	Water	H0441	V, S, M	Benzene: 8 ug/l
10/11/99		_	6-8)	(9 10)			, =, =.	Xylenes: 300 ug/L
2 nd OWSS				(> 10)				11) ionosi 500 ug 2
(NF4)								Arsenic: 8.81 ug/l
HP0081	10	9	Black viscous liquid was noted	35	Water	HP0081A	TPH GC	
1st Groundwater	-0		on the depth to water probe at				fingerprint	
SWMU 41			approximately 9'				8	
5 1.10 .11			approximatory >					

1 4510 14.2.13		iciu 5 VV	VIU 41 Summary of Boring	0	aiyucai i	Jaia		1
	Total			Maximum				
Boring/	Depth	Depth		PID				
Date/	of	to	Lithologic Description ²	Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
HP0080	10	9	See SB0184	0	Water	HP0080A	V, S	Benzene: 6 ug/l
8/20/97								
1st Groundwater								
SWMU 41								
HP0079	15	13.5	See SB0184	0	Water	HP0079A	V, S	Benzene: 2 ug/l
8/19/97								
1st Groundwater								
SWMU 41								
SB0184	8	7.5	Fill :0-8: (petroleum staining and	28	P, U, F	SB0184SD	V, S	Benzo(a)anthracene: 17 mg/kg
2/13/96			odor at 1-2; petroleum odor at 3-	(6-8)		(SB0185SD)		
1st Soils			4; tr asphalt at 5-6; strong			(6-8)		
SWMU 41			petroleum odor at 6-8)					
SB0151	8	2	Fill: 0-8: (strong petroleum odor	108	O, S, F	SB0151SB	V, S	None
12/6/95			at 2-4)	(2-4)		(2-4)		
1st Soils								
SWMU 41								
U041003	5.5	2	Fill :0-5.5: (tr lignite at 0-2;	14.8	None			
12/6/96			slightly dark staining at 2-4; dark	(4-6)				
1st Soils			staining, petroleum odor at 4-5.5;	,				
			refusal at 5.5)					
U041001	4.5	2	Fill :0-4.5: (dark staining at 2.3-	0	None			
12/6/95			2.5 and 3.4-3.5)					
1st Soils			·					
SWMU 41								
SB0055	10	8	Fill: 0-9.8: (petroleum odor and	1,413	P, U, F	SB0055SC	V, S, Pb,	None
10/31/95			staining at 0-4 and 9-10)	(4-6)		(4-6)	TEL	
1st Soils						, ,		
SWMU 24								
U02404B	10	8	Fill: 0-8: (petroleum staining at 3-	24 (4-6)	None			
10/31/95			4; petroleum odor at 8-10)	` '				
1st Soils			•					
SWMU 24								
U02401A	5.5	2.5	Fill: 0-5.5: (black stained sand	412	None			
10/31/95			petroleum odor at 1.5-2;	(0-2)				
1st Soils			petroleum odor at 2-4; refusal at					
SWMU 24			5.5-concrete)					
Transect 4			Visible staining in vibracore at 0-		Surface	SWM4C	V, S, M	Nickel: 23J ug/L
			6 and 39-45 inches at SED4A		water	(filtered)	water	
							quality	

1 4010 71.2.13		iciu 5 vv	VIU 41 Summary of Borin		aiyucai i	Jaia		
	Total			Maximum				
Boring/	Depth	Depth		PID				
Date/	of	to	Lithologic Description ²	Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
					Sedimen t	SED 4A (0-6 in)	V, S, M	Acenaphthene: 0.036J mg/kg Acenaphthylene: 0.063J mg/kg Anthracene: 0.2 mg/kg Benzo(a)anthracene: 0.72 mg/kg Benzo(a)pyrrene: 1.1 mg/kg Benzo(g,h,i)perylene: 1 mg/kg Benzo(k)fluoranthene: 0.44 mg/kg Chrysene: 1 mg/kg Dibenzo(a,h)anthracene: 0.2 mg/kg Fluoranthene: 1.2 mg/kg Fluoranthene: 0.52J mg/kg Indeno(1,2,3-cd)pyrene: 0.76 mg/kg Phenanthrene: 0.6 mg/kg Pyrene: 1.8 mg/kg Arsenic: 9.4 mg/kg Cadmium: 2J mg/kg Cadmium: 2J mg/kg Lead: 113 mg/kg Lead: 113 mg/kg Mercury: 0.49 mg/kg Nickel: 64.2 mg/kg
					Sedimen	SED4A	V, S, M	Zinc: 283 mg/kg Xylene: 3 mg/kg
					t	(39-45 in)	v, 3, IVI	2-methylnaphthalene: 1.4 mg/kg Acenaphthene: 0.64 mg/kg Acenaphthylene: 0.29 mg/kg Anthracene: 0.97 mg/kg Benzo(a)anthracene: 2 mg/kg Benzo(a)pyrrene: 2 mg/kg Benzo(s,h,i)perylene: 2.4 mg/kg Benzo(s,h,i)perylene: 0.46 mg/kg Benzo(a,h)anthracene: 0.48 mg/kg Dibenzo(a,h)anthracene: 0.48 mg/kg Fluoranthene: 2.5 mg/kg Fluoranthene: 2.5 mg/kg Fluoranthene: 4.5 mg/kg Naphthalene: 0.42 mg/kg Phenanthrene: 4.5 mg/kg Pyrene: 6.1 mg/kg Antimony: 2.9J mg/kg Antimony: 2.9J mg/kg Cadmium: 3J mg/kg Cadmium: 3J mg/kg Copper: 322 mg/kg Lead: 393 mg/kg Mercury: 1.7 mg/kg Nickel: 63.4 mg/kg Silver: 1.5J mg/kg Silver: 1.5J mg/kg

Table A.2.13		ieiu S VV	MU 41 Summary of Boring	0 0	aiyucai i	Jala		
D /	Total	D 41.		Maximum PID				
Boring/	Depth	Depth	1.41.1		C 1 .	CI. ID		COC Comment and a comment of the comment
Date/	of	to	Lithologic Description ²	Response,	Sample	Sample ID	A 1 4	COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria Acenaphthylene: 0.092 mg/kg
					Sedimen t	SED4B (0-6)	V, S, M	Anthracene: 0.28 mg/kg Benzo(a)anthracene: 0.51 mg/kg Benzo(a)pyrene: 0.6 mg/kg Benzo(g,h,i)perylene: 0.5 mg/kg Benzo(g,h,i)perylene: 0.24 mg/kg Benzo(g,h)anthracene: 0.24 mg/kg Chrysene: 0.68 mg/kg Dibenzo(a,h)anthracene: 0.11 mg/kg Fluoranthene: 1.1 mg/kg Fluoranthene: 1.1 mg/kg Fluorene: 0.092 mg/kg Indeno(1,2,3-cd)pyrene: 0.41 mg/kg Phenanthrene: 1 mg/kg Pyrene: 1.4 mg/kg Cadmium: 1.2J mg/kg Cadmium: 1.2J mg/kg Copper: 313 mg/kg Lead: 68.1 mg/kg Mercury: 0.18 mg/kg Nickel: 55.4 mg/kg
					Sedimen	SED 4C	V, S, M	Zinc: 228 mg/kg Arsenic: 8.6 mg/kg
					t	(0-6)	,, 5, 111	Cadmium: 1.4J mg/kg Nickel: 28.6 mg/kg
Transect 5			Visible staining in vibracore at 0-		Surface	SW5C	V, S, M,	Manganese: 123 ug/L
			6 inches at SED5C		water	(filtered)	water quality	Nickel: 34.5J ug/L
					Sedimen t	SED5A (0-6 in)	V, S, M	Acenaphthene: 0.045J mg/kg Acenaphthylene: 0.088 mg/kg Anthracene: 0.19 mg/kg Benzo(a)anthracene: 0.83 mg/kg Benzo(a)pyrrene: 1.3 mg/kg Benzo(k)fluoranthene: 0.43 mg/kg Benzo(k)fluoranthene: 0.43 mg/kg Chrysene: 1.1 mg/kg Dibenzo(a,h)anthracene: 0.28 mg/kg Fluoranthene: 1.1 mg/kg Fluoranthene: 1.1 mg/kg Fluoranthene: 0.72 mg/kg Indeno(1,2,3-cd)pyrene: 0.64 mg/kg Pyrene: 2.3 mg/kg Arsenic: 11.7 mg/kg Cadmium: 1.6J mg/kg Cadmium: 1.6J mg/kg Copper: 595 mg/kg Lead: 107 mg/kg Mercury: 0.19 mg/kg Mercury: 0.19 mg/kg Nickel: 86.9 mg/kg Zine: 359 mg/kg

Boring/ Date/	Total Depth of	Depth to	Lithologic Description ²	Maximum PID Response,	Sample	Sample ID		COC Concentrations Greater
Report	Boring	Water ¹	(Observation Notes)	ppm _v (Depth)	Type ³	(Depth)	Analyses ⁴	Than Delineation Criteria
					Sedimen t	SED5B (0-6 in)	V, S, M	Benzo(g,h,i)perylene: 0.27 mg/kg Cadmium: 1.2J mg/kg Copper: 355 mg/kg Lead: 47.1 mg/kg Nickel: 38.7 mg/kg Zinc: 174 mg/kg
					Sedimen t	SED5C (0-6 in)	V, S, M	2-Methylnaphthalene: 0.13 mg/kg Acenaphthene: 0.068 mg/kg Acenaphthylene: 0.11 mg/kg Anthracene: 0.18 mg/kg Benzo(a)anthracene: 0.54 mg/kg Benzo(a)pyrene: 0.71 mg/kg Benzo(a)pyrene: 0.71 mg/kg Benzo(a)hjoerylene: 0.68 mg/kg Benzo(k)fluoranthene: 0.32 mg/kg Chrysene: 0.96 mg/kg Dibenzo(a,h)anthracene: 0.17 mg/kg Fluoranthene: 1.1 mg/kg Fluorene: 0.065 mg/kg Indeno(1,2,3-cd)pyrene: 0.54 mg/kg Pyrene: 1.4 mg/kg Arsenic: 34.4 mg/kg Cadmium: 2.8J mg/kg Chromium: 97.5 mg/kg Copper: 8030 mg/kg Lead: 378 mg/kg Nickel: 2480 mg/kg Silver: 5.4 mg/kg Zinc: 2970 m/kg

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

 $ppm_v = parts per million (volume basis)$

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

 μ g/L = micrograms per liter (equivalent to parts per million).

¹Depth to water as observed during borehole advancement.

²"Fill" encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

³P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. "None" indicates that no sample was collected.

⁴V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP– Synthetic Precipitation Leaching Procedure; -Phys. Char.--physical characteristics.